



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.
Institute for form 1449/PTO

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/824,330
Filing Date	April 13, 2004
First Named Inventor	Dale H. Buermann
Art Unit	2877
Examiner Name	Not yet assigned
Attorney Docket Number	PEN-108/US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,326,799	04-27-1982	Keene et al.	
		US- 5,200,793	04-16-1993	Ulich et al.	
		US- 5,477,461	12-19-1995	Waffler et al.	
		US- 5,592,211	01-07-1997	Porter et al.	
		US- 5,638,164	06-10-1997	Landau	
		US- 5,648,852	07-15-1997	Kato et al.	
		US- 5,699,149	12-16-1997	Kuroda et al.	
		US- 5,724,123	03-03-1998	Tanaka	
		US- 5,831,717	11-03-1998	Ikebuchi	
		US- 5,889,582	03-30-1999	Wong et al.	
		US- 5,892,575	04-06-1999	Marino	
		US- 5,959,734	09-28-1999	Tanaka et al.	
		US- 6,034,716	03-07-2000	Whiting et al.	
		US- 6,057,909	05-02-2000	Yahav et al.	
		US- 6,057,910	05-02-2000	Dunne	
		US- 6,064,471	05-16-2000	Nakagawa	
		US- 6,710,859 B2	03-23-2004	Shirai et al.	
		US- 2004/0075650 A1	04-22-2004	Lapstun et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 02/17222 A2	02-28-2002	Smith et al.		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/824,330		
		Filing Date	April 13, 2004		
		First Named Inventor	Dale H. Buermann		
		Art Unit	2877		
		Examiner Name	Not yet assigned		
Sheet	2	of	2	Attorney Docket Number	PEN-108/US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BORENSTEIN ET AL., "Where am I?" - Sensors and Methods for Mobile Robot Positioning, Univ. of Michigan for the ORNL D&D Program, Published by Wellesley, MA, 1996.	
		LCS/Telegraphics Wintab™ : Advanced Pointing Device Management for Windowed Environments, July 8, 2004, 4 pages.	
		OTA, JEFF. "Quantitative Underwater 3-D Imaging and Mapping" http://www.cdr.stanford.edu/~jota/quals/ , March 16, 2000, Updated July 11, 2000, 10 pages.	
		PARK ET AL., "Dual-Beam Structures-Light Scanning for 3-D Object Modeling", Third Int'l Conference on 3-D Imaging and Modeling, Proceedings 5/28/2001- 6/1/2001, pp. 65-72.	
		POYNER, LCS/Telegraphics, "Wintab™ Interface Specificaion: 16- and 32 bit API Reference", Revised May 9, 1996.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.